



Home Office: Great Bend, Kansas
P. O. Box 793 (316) 793-7903

Company J. A. Allison Lease & Well No. Dechant #2
Elevation 2049 Kelly Bushings Formation Topeka Effective Pay _____ Ft. Ticket No. 14787
Date 10-29-70 Sec. 23 Twp. 16S Range 18W County Rush State Kansas
Test Approved by Geo. Waite Western Representative Jerry Allen
Formation Test No. 1 O.K. ☒ Misrun _____ Interval Tested From 3005' to 3034' Total Depth 3034'
Size Main Hole 7 7/8" Rat Hole _____ Conv. _____ B.T. ☒ Damaged _____ Yes ☒ No Conv. _____ B.T. ☒ Damaged _____ Yes ☒ No
Packer Depth 3000 Ft. Size 6 3/4" Packer Depth 3005 Ft. Size 6 3/4"
Straddle _____ Yes _____ No ☒ Conv. _____ B.T. _____ Damaged _____ Yes _____ No
Tool Size 5 1/2" O.D. Tool Jt. Size 4 1/2" F.H. Anchor Length 29 Ft. Size 5 1/2" O.D. Perf.
RECORDERS Depth 3026 Ft. Clock No. 8376 Depth 3029 Ft. Clock No. 9102
Top Make Kuster Cap. 4150 No. 969 Inside Inside Bottom Make Kuster Cap. 4150 No. 2607 Inside Inside
Below Straddle: Depth _____ Clock No. _____ Inside _____ Depth _____ Ft. Clock No. _____ Inside _____
Top Make _____ Cap. _____ No. _____ Outside _____ Bottom Make _____ Cap. _____ No. _____ Outside _____
Time Set Packer 5:11 P.M.
Tool Open I.F.P. From 5:15 M. to 5:30P. M. Hr. 15 Min. From (B) 30 P.S.I. To (C) 30 P.S.I.
Tool Closed I.C.I.P. From 5:30 M. to 6:00P. M. Hr. 30 Min. (D) 466 P.S.I.
Tool Open F.F.P. From 6:00 M. to 7:00P. M. Hr. 60 Min. From (E) 41 P.S.I. To (F) 41 P.S.I.
Tool Closed F.C.I.P. From 7:00 M. to 7:30P. M. Hr. 30 Min. (G) 542 P.S.I.
Initial Hydrostatic Pressure (A) 1706 P.S.I. Final Hydrostatic Pressure (H) 1686 P.S.I.
SURFACE Size Choke 3/4 In. Max. Press. P.S.I. _____ Time _____ Description of Flow _____
INFORMATION _____ M. _____
_____ M. _____
_____ M. _____
BLOW Strong thru flow period Bottom Choke Size 3/4 In.
Did Well Flow _____ Yes ☒ No _____ Recovery Total Ft. 1260 feet gas in pipe - 45 feet gas cut mud
Reversed Out _____ Yes ☒ No _____ Mud Type Starch Viscosity 35 Weight 10.3 Water Loss 10.0 cc. Maximum Temp. 98 °F
Type Circ. Sub. Pin Did Tool Plug? No Jars: Size _____ Make _____ Ser. No. _____
EXTRA EQUIPMENT: Dual Packers Yes Safety Joint No Did Packer Hold? Yes Where? _____
Length Drill Pipe 1905 ft. I.D. Drill Pipe 3.8 in. Length Weight Pipe 1080 ft. I.D. Weight Pipe 2.7 in. Length Drill Collars _____ ft.
I. D. Drill Collars _____ in. Length D.S.T. Tool 49 ft.
Remarks Hit bridge at 2614

WESTERN TESTING CO., INC.
Pressure Data

Date 10-29-70

Test Ticket No. 14787

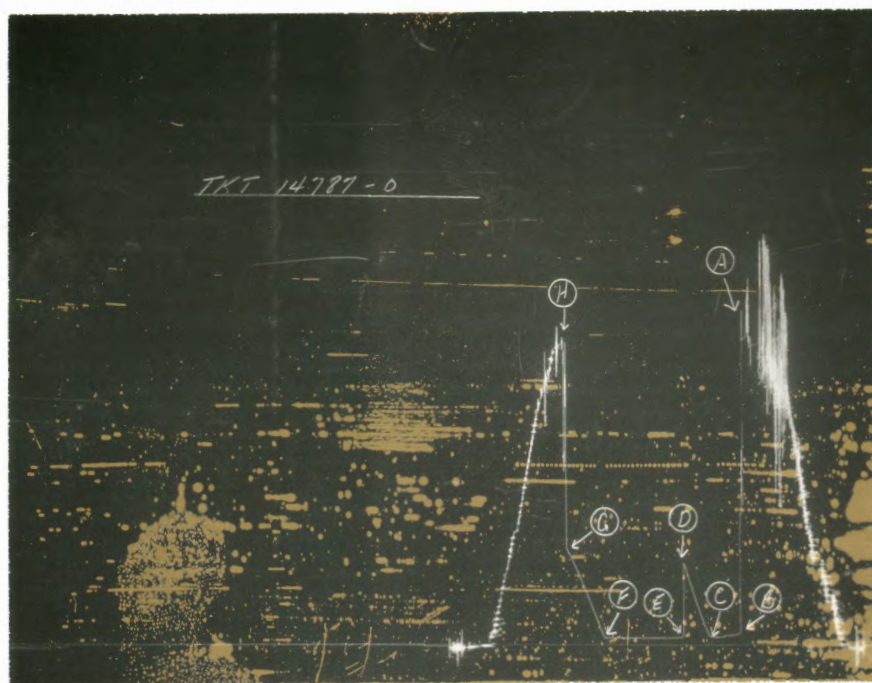
Recorder No. 969 Capacity 4150 Location 3026 Ft.

Clock No. 8376 Elevation 2049 Kelly Bushings Well Temperature 98 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1706</u> P.S.I.	Open Tool	<u>5:11</u> P. M.	
B First Initial Flow Pressure	<u>30</u> P.S.I.	First Flow Pressure	<u>15</u> Mins.	<u>15</u> Mins.
C First Final Flow Pressure	<u>30</u> P.S.I.	Initial Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
D Initial Closed-in Pressure	<u>466</u> P.S.I.	Second Flow Pressure	<u>60</u> Mins.	<u>60</u> Mins.
E Second Initial Flow Pressure	<u>41</u> P.S.I.	Final Closed-in Pressure	<u>30</u> Mins.	<u>32</u> Mins.
F Second Final Flow Pressure	<u>41</u> P.S.I.			
G Final Closed-in Pressure	<u>542</u> P.S.I.			
H Final Hydrostatic Mud	<u>1686</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>3</u> Inc.		Breakdown: <u>10</u> Inc.		Breakdown: <u>12</u> Inc.		Breakdown: <u>10</u> Inc.	
of <u>5</u> mins. and a		of <u>3</u> mins. and a		of <u>5</u> mins. and a		of <u>3</u> mins. and a	
final inc. of <u> </u> Min.		final inc. of <u> </u> Min.		final inc. of <u> </u> Min.		final inc. of <u>2</u> Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>30</u>	<u>0</u>	<u>30</u>	<u>0</u>	<u>41</u>	<u>0</u>	<u>41</u>
P 2 <u>5</u>	<u>30</u>	<u>3</u>	<u>35</u>	<u>5</u>	<u>41</u>	<u>3</u>	<u>56</u>
P 3 <u>10</u>	<u>30</u>	<u>6</u>	<u>41</u>	<u>10</u>	<u>41</u>	<u>6</u>	<u>115</u>
P 4 <u>15</u>	<u>30</u>	<u>9</u>	<u>46</u>	<u>15</u>	<u>41</u>	<u>9</u>	<u>168</u>
P 5 <u> </u>	<u> </u>	<u>12</u>	<u>67</u>	<u>20</u>	<u>41</u>	<u>12</u>	<u>217</u>
P 6 <u> </u>	<u> </u>	<u>15</u>	<u>124</u>	<u>25</u>	<u>41</u>	<u>15</u>	<u>279</u>
P 7 <u> </u>	<u> </u>	<u>18</u>	<u>182</u>	<u>30</u>	<u>41</u>	<u>18</u>	<u>338</u>
P 8 <u> </u>	<u> </u>	<u>21</u>	<u>236</u>	<u>35</u>	<u>41</u>	<u>21</u>	<u>383</u>
P 9 <u> </u>	<u> </u>	<u>24</u>	<u>314</u>	<u>40</u>	<u>41</u>	<u>24</u>	<u>437</u>
P 10 <u> </u>	<u> </u>	<u>27</u>	<u>377</u>	<u>45</u>	<u>41</u>	<u>27</u>	<u>479</u>
P 11 <u> </u>	<u> </u>	<u>30</u>	<u>466</u>	<u>50</u>	<u>41</u>	<u>30</u>	<u>522</u>
P 12 <u> </u>	<u> </u>	<u> </u>	<u> </u>	<u>55</u>	<u>41</u>	<u>32</u>	<u>542</u>
P 13 <u> </u>	<u> </u>	<u> </u>	<u> </u>	<u>60</u>	<u>41</u>	<u> </u>	<u> </u>
P 14 <u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
P 15 <u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
P 16 <u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
P 17 <u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
P 18 <u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
P 19 <u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
P 20 <u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	1706	1706	PSI
(B) First Initial Flow Pressure	30	30	PSI
(C) First Final Flow Pressure	30	30	PSI
(D) Initial Closed-in Pressure	465	466	PSI
(E) Second Initial Flow Pressure	43	41	PSI
(F) Second Final Flow Pressure	43	41	PSI
(G) Final Closed-in Pressure	533	542	PSI
(H) Final Hydrostatic Mud	1696	1686	PSI



Home Office: Great Bend, Kansas
P. O. Box 793 (316) 793-7903

Company J. A. Allison Lease & Well No. Dechant #2
Elevation 2049 Kelly Bushings Formation Lansing Effective Pay _____ Ft. Ticket No. 14788
Date 10-31-70 Sec. 23 Twp. 16S Range 18W County Rush State Kansas
Test Approved by Geo. Waite Western Representative Jerry Allen
Formation Test No. 2 O.K. ☒ Misrun _____ Interval Tested From 3278' to 3314' Total Depth 3314'
Size Main Hole 7 7/8" Bit Hole _____ Conv. _____ B.T. ☒ Damaged _____ Yes ☒ No Conv. _____ B.T. ☒ Damaged _____ Yes ☒ No
Packer Depth 3273 Ft. Size 6 3/4" Packer Depth 3278 Ft. Size 6 3/4"
Straddle _____ Yes _____ No ☒ Conv. _____ B.T. _____ Damaged _____ Yes _____ No
Packer Depth _____ Ft. Size _____
Tool Size 5 1/2" O.D. Tool Jt. Size 4 1/2" F.H. Anchor Length 36 Ft. Size 5 1/2" O.D. Perf.
RECORDERS Depth 3306 Ft. Clock No. 8376 Depth 3309 Ft. Clock No. 9102
Top Make Kuster Cap. 4150 No. 969 Inside Outside Bottom Make Kuster Cap. 4150 No. 2607 Inside Outside
Below Straddle: Depth _____ Clock No. _____ Inside _____ Outside _____
Top Make _____ Cap. _____ No. _____ Inside _____ Outside _____
Time Set Packer 8:26 A.M.
Tool Open I.F.P. From 8:30 M. to 8:45A. M. Hr. 15 Min. From (B) 40 P.S.I. To (C) 40 P.S.I.
Tool Closed I.C.I.P. From 8:45 M. to 9:15A. M. Hr. 30 Min. (D) 233 P.S.I.
Tool Open F.F.P. From 9:15 M. to 10:15A. M. Hr. 60 Min. From (E) 42 P.S.I. To (F) 42 P.S.I.
Tool Closed F.C.I.P. From 10:15 M. to 10:45A. M. Hr. 30 Min. (G) 215 P.S.I.
Initial Hydrostatic Pressure (A) 1842 P.S.I. Final Hydrostatic Pressure (H) 1821 P.S.I.
SURFACE Size Choke 3/4 In. Max. Press. P.S.I. _____ Time _____ Description of Flow _____
INFORMATION _____ M. _____
_____ M. _____
_____ M. _____
BLOW Weak increasing to strong back to fair Bottom Choke Size 3/4 In.
Did Well Flow _____ Yes ☒ No _____ Recovery Total Ft. 1700 feet gas in pipe - 30 feet gas cut mud
Reversed Out _____ Yes ☒ No _____ Mud Type Starch Viscosity 39 Weight 10.4 Water Loss 12.0 cc. Maximum Temp. 101 °F
Type Circ. Sub. Pin Did Tool Plug? No Jars: Size _____ Make _____ Ser. No. _____
EXTRA EQUIPMENT: Dual Packers Yes Safety Joint No Did Packer Hold? Yes Where? _____
Length Drill Pipe 2173 ft. I.D. Drill Pipe 3.8 in. Length Weight Pipe 1080 ft. I.D. Weight Pipe 2.7 in. Length Drill Collars _____ ft.
I. D. Drill Collars _____ in. Length D.S.T. Tool 56 ft.
Remarks _____

WESTERN TESTING CO., INC.
Pressure Data

Date 10-31-70 Test Ticket No. 14788
Recorder No. 969 Capacity 4150 Location 3306 Ft.
Clock No. 8376 Elevation 2049 Kelly Bushings Well Temperature 101 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1842</u> P.S.I.	Open Tool	<u>8:25 A.</u> M	
B First Initial Flow Pressure	<u>40</u> P.S.I.	First Flow Pressure	<u>15</u> Mins.	<u>15</u> Mins.
C First Final Flow Pressure	<u>40</u> P.S.I.	Initial Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
D Initial Closed-in Pressure	<u>233</u> P.S.I.	Second Flow Pressure	<u>60</u> Mins.	<u>60</u> Mins.
E Second Initial Flow Pressure	<u>42</u> P.S.I.	Final Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
F Second Final Flow Pressure	<u>42</u> P.S.I.			
G Final Closed-in Pressure	<u>215</u> P.S.I.			
H Final Hydrostatic Mud	<u>1821</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>3</u> Inc.		Breakdown: <u>10</u> Inc.		Breakdown: <u>12</u> Inc.		Breakdown: <u>10</u> Inc.	
of <u>5</u> mins. and a		of <u>3</u> mins. and a		of <u>5</u> mins. and a		of <u>3</u> mins. and a	
final inc. of _____ Min.		final inc. of _____ Min.		final inc. of _____ Min.		final inc. of _____ Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>40</u>	<u>0</u>	<u>40</u>	<u>0</u>	<u>42</u>	<u>0</u>	<u>42</u>
P 2 <u>5</u>	<u>40</u>	<u>3</u>	<u>43</u>	<u>5</u>	<u>42</u>	<u>3</u>	<u>53</u>
P 3 <u>10</u>	<u>40</u>	<u>6</u>	<u>55</u>	<u>10</u>	<u>42</u>	<u>6</u>	<u>67</u>
P 4 <u>15</u>	<u>40</u>	<u>9</u>	<u>73</u>	<u>15</u>	<u>42</u>	<u>9</u>	<u>83</u>
P 5 _____		<u>12</u>	<u>98</u>	<u>20</u>	<u>42</u>	<u>12</u>	<u>102</u>
P 6 _____		<u>15</u>	<u>122</u>	<u>25</u>	<u>42</u>	<u>15</u>	<u>114</u>
P 7 _____		<u>18</u>	<u>147</u>	<u>30</u>	<u>42</u>	<u>18</u>	<u>143</u>
P 8 _____		<u>21</u>	<u>168</u>	<u>35</u>	<u>42</u>	<u>21</u>	<u>157</u>
P 9 _____		<u>24</u>	<u>191</u>	<u>40</u>	<u>42</u>	<u>24</u>	<u>178</u>
P10 _____		<u>27</u>	<u>217</u>	<u>45</u>	<u>42</u>	<u>27</u>	<u>192</u>
P11 _____		<u>30</u>	<u>233</u>	<u>50</u>	<u>42</u>	<u>30</u>	<u>215</u>
P12 _____				<u>55</u>	<u>42</u>		
P13 _____				<u>60</u>	<u>42</u>		
P14 _____							
P15 _____							
P16 _____							
P17 _____							
P18 _____							
P19 _____							
P20 _____							



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	1831	1842	PSI
(B) First Initial Flow Pressure	40	40	PSI
(C) First Final Flow Pressure	40	40	PSI
(D) Initial Closed-in Pressure	225	233	PSI
(E) Second Initial Flow Pressure	45	42	PSI
(F) Second Final Flow Pressure	45	42	PSI
(G) Final Closed-in Pressure	205	215	PSI
(H) Final Hydrostatic Mud	1821	1821	PSI



Home Office: Great Bend, Kansas
P. O. Box 793 (316) 793-7903

Company **J. A. Allison** Lease & Well No. **Dechant #2**
Elevation **2049 Kelly Bushings** Formation **Lansing** Effective Pay _____ Ft. Ticket No. **14789**
Date **10-31-70** Sec. **23** Twp. **16S** Range **18W** County **Rush** State **Kansas**
Test Approved by **Geo. Waite** Western Representative **Jerry Allen**
Formation Test No. **3** O.K. ☒ Misrun _____ Interval Tested From **3312'** to **3333** Total Depth **3333**
Size Main Hole **7 7/8"** Rat Hole _____ Conv. _____ B.T. ☒ Damaged Yes ☒ No Conv. _____ B.T. ☒ Damaged Yes ☒ No
Packer Depth **3307** Ft. Size **6 3/4"** Packer Depth **3312** Ft. Size **6 3/4"**
Straddle _____ Yes _____ No ☒ Conv. _____ B.T. _____ Damaged _____ Yes _____ No
Packer Depth _____ Ft. Size _____
Tool Size **5 1/2" O.D.** Tool Jt. Size **4 1/2" F.H.** Anchor Length **21** Ft. Size **5 1/2" O.D.**
RECORDERS Depth **3325** Ft. Clock No. **8376** Depth **3328** Ft. Clock No. **9102**
Top Make **Kuster** Cap. **4150** No. **969** Inside ~~Outside~~ Bottom Make **Kuster** Cap. **4150** No. **2607** ~~Inside~~ Outside
Below Straddle: Depth _____ Clock No. _____ Inside _____ Outside _____
Top Make _____ Cap. _____ No. _____ Inside _____ Outside _____
Time Set Packer **6:30 P.M.**
Tool Open I.F.P. From **6:35** M. to **6:45P.** M. Hr. **10** Min. From (B) **85** P.S.I. To (C) **69** P.S.I.
Tool Closed I.C.I.P. From **6:45** M. to **7:15P.** M. Hr. **30** Min. (D) **1070** P.S.I.
Tool Open F.F.P. From **7:15** M. to **8:18P.** M. Hr. **63** Min. From (E) **66** P.S.I. To (F) **66** P.S.I.
Tool Closed F.C.I.P. From **8:18** M. to **8:48P.** M. Hr. **30** Min. (G) **1064** P.S.I.
Initial Hydrostatic Pressure (A) **1853** P.S.I. Final Hydrostatic Pressure (H) **1811** P.S.I.
SURFACE Size Choke **3/4** In. Max. Press. P.S.I. _____ Time _____ Description of Flow _____
INFORMATION _____ **10" water** **3:** M. **439,000**
_____ **8.5 "** **40** M. **396,000**
_____ **8.5 "** **70** M. **396,000**
BLOW **Strong through flow period (See remarks)** Bottom Choke Size **3/4** In.
Did Well Flow _____ Yes ☒ No _____ Recovery Total Ft. **60 feet of gas cut mud**
Reversed Out _____ Yes ☒ No _____ Mud Type **Starch** Viscosity **40** Weight **10.2** Water Loss **10.0** cc. Maximum Temp. **103** °F
Type Circ. Sub. **P1n** Did Tool Plug? **No** Jars: Size _____ Make _____ Ser. No. _____
EXTRA EQUIPMENT: Dual Packers **Yes** Safety Joint **No** Did Packer Hold? **Yes** Where? _____
Length Drill Pipe **2212** ft. I.D. Drill Pipe **3.8** in. Length Weight Pipe **1080** ft. I.D. Weight Pipe **2.7** in. Length Drill Collars _____ ft.
I. D. Drill Collars _____ in. Length D.S.T. Tool **41** ft.
Remarks **Gas to surface in 3 min. - 10" water 439,000 - 7" water in 10 min. 362,000**
25 min. 9" 416,000 - 40 min. 8.5" water 396,000 - 55 & 70 min. same as 40 min., 396,000.

WESTERN TESTING CO., INC.

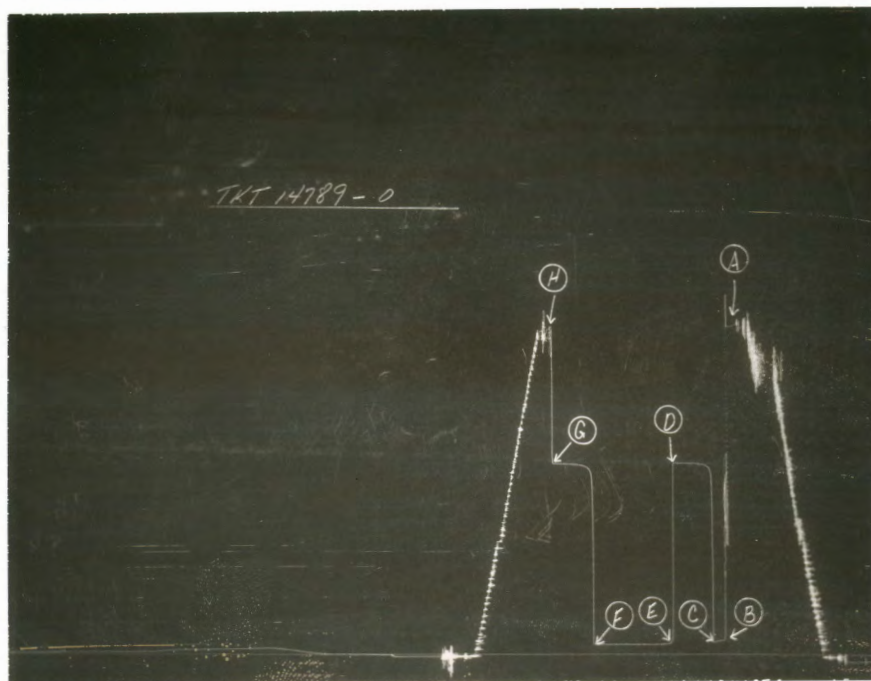
Pressure Data

Date 10-31-70 Recorder No. 969 Capacity 4150 Test Ticket No. 14789
 Clock No. 8376 Elevation 2049 Kelly Bushings Location 103 Ft. 103
 Well Temperature _____ °F

Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud	1853 P.S.I.	8:30 M	10
B First Initial Flow Pressure	85 P.S.I.	10 Mins.	30 Mins.
C First Final Flow Pressure	69 P.S.I.	30 Mins.	63 Mins.
D Initial Closed-in Pressure	1070 P.S.I.	63 Mins.	30 Mins.
E Second Initial Flow Pressure	66 P.S.I.	30 Mins.	
F Second Final Flow Pressure	66 P.S.I.		
G Final Closed-in Pressure	1064 P.S.I.		
H Final Hydrostatic Mud	1811 P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>2</u> Inc.		Breakdown: <u>10</u> Inc.		Breakdown: <u>12</u> Inc.		Breakdown: <u>10</u> Inc.	
of <u>5</u> mins. and a		of <u>3</u> mins. and a		of <u>5</u> mins. and a		of <u>3</u> mins. and a	
final inc. of _____ Min.		final inc. of _____ Min.		final inc. of <u>3</u> Min.		final inc. of _____ Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>85</u>	<u>0</u>	<u>69</u>	<u>0</u>	<u>66</u>	<u>0</u>	<u>66</u>
P 2 <u>5</u>	<u>76</u>	<u>3</u>	<u>553</u>	<u>5</u>	<u>66</u>	<u>3</u>	<u>737</u>
P 3 <u>10</u>	<u>69</u>	<u>6</u>	<u>1043</u>	<u>10</u>	<u>66</u>	<u>6</u>	<u>1034</u>
P 4 _____		<u>9</u>	<u>1059</u>	<u>15</u>	<u>66</u>	<u>9</u>	<u>1051</u>
P 5 _____		<u>12</u>	<u>1064</u>	<u>20</u>	<u>66</u>	<u>12</u>	<u>1056</u>
P 6 _____		<u>15</u>	<u>1067</u>	<u>25</u>	<u>66</u>	<u>15</u>	<u>1059</u>
P 7 _____		<u>18</u>	<u>1067</u>	<u>30</u>	<u>66</u>	<u>18</u>	<u>1059</u>
P 8 _____		<u>21</u>	<u>1068</u>	<u>35</u>	<u>66</u>	<u>21</u>	<u>1059</u>
P 9 _____		<u>24</u>	<u>1069</u>	<u>40</u>	<u>66</u>	<u>24</u>	<u>1064</u>
P10 _____		<u>27</u>	<u>1070</u>	<u>45</u>	<u>66</u>	<u>27</u>	<u>1064</u>
P11 _____		<u>30</u>	<u>1070</u>	<u>50</u>	<u>66</u>	<u>30</u>	<u>1064</u>
P12 _____				<u>55</u>	<u>66</u>		
P13 _____				<u>60</u>	<u>66</u>		
P14 _____				<u>63</u>	<u>66</u>		
P15 _____							
P16 _____							
P17 _____							
P18 _____							
P19 _____							
P20 _____							



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	1810	1853	PSI
(B) First Initial Flow Pressure	90	85	PSI
(C) First Final Flow Pressure	70	69	PSI
(D) Initial Closed-in Pressure	1075	1070	PSI
(E) Second Initial Flow Pressure	70	66	PSI
(F) Second Final Flow Pressure	70	66	PSI
(G) Final Closed-in Pressure	1065	1064	PSI
(H) Final Hydrostatic Mud	1800	1811	PSI



Home Office: Great Bend, Kansas
P. O. Box 793 (316) 793-7903

Company J. A. Allison Lease & Well No. Dechant #2
Elevation 2049 Kelly Bushings Formation Lansing Effective Pay _____ Ft. Ticket No. 14790
Date 11-1-70 Sec. 23 Twp. 16S Range 18W County Rush State Kansas
Test Approved by Geo. Waite Western Representative Jerry L. Allen
Formation Test No. 4 O.K. ☒ Misrun _____ Interval Tested From 3333' to 3362' Total Depth 3362'
Size Main Hole 7 7/8" Rat Hole _____ Conv. _____ B.T. ☒ Damaged _____ Yes ☒ No Conv. _____ B.T. ☒ Damaged _____ Yes ☒ No
Packer Depth 3328 Ft. Size 6 3/4" Packer Depth 3333 Ft. Size 6 3/4"
Straddle _____ Yes _____ No ☒ Conv. _____ B.T. _____ Damaged _____ Yes _____ No
Packer Depth _____ Ft. Size _____
Tool Size 5 1/2" O.D. Tool Jt. Size 4 1/2" F.H. Anchor Length 29 Ft. Size 5 1/2" O.D.
RECORDERS Depth 3355 Ft. Clock No. 8376 Depth 3358 Ft. Clock No. 9102
Top Make Kuster Cap. 4150 No. 969 ~~Inside~~ Outside Bottom Make Kuster Cap. 4150 No. 2607 ~~Inside~~ Outside
Below Straddle: Depth _____ Clock No. _____ Inside Depth _____ Ft. Clock No. _____ Inside
Top Make _____ Cap. _____ No. _____ Outside Bottom Make _____ Cap. _____ No. _____ Outside
Time Set Packer 7:00 A. M
Tool Open I.F.P. From 7:05 M. to 7:20A.M. Hr. 15 Min. From (B) 37 P.S.I. To (C) 37 P.S.I.
Tool Closed I.C.I.P. From 7:20 M. to 7:50A. M. Hr. 30 Min. (D) 40 P.S.I.
Tool Open F.F.P. From 7:50 M. to 8:05A. M. Hr. 15 Min. From (E) 34 P.S.I. To (F) 34 P.S.I.
Tool Closed F.C.I.P. From 8:05 M. to 8:35A. M. Hr. 30 Min. (G) 43 P.S.I.
Initial Hydrostatic Pressure (A) 1863 P.S.I. Final Hydrostatic Pressure (H) 1811 P.S.I.
SURFACE Size Choke 3/4 In. Max. Press. P.S.I. _____ Time _____ Description of Flow _____
INFORMATION _____ M. _____
_____ M. _____
_____ M. _____
BLOW Weak to dead in 10 min. Bottom Choke Size 3/4 In.
Did Well Flow _____ Yes ☒ No _____ Recovery Total Ft. 10 feet mud with skum of oil
Reversed Out _____ Yes ☒ No _____ Mud Type Starch Viscosity 40 Weight 10.2 Water Loss 10 cc. Maximum Temp. 103 °F
Type Circ. Sub. Pin Did Tool Plug? No Jars: Size _____ Make _____ Ser. No. _____
EXTRA EQUIPMENT: Dual Packers Yes Safety Joint No Did Packer Hold? Yes Where? _____
Length Drill Pipe 2233 ft. I.D. Drill Pipe 3.8 in. Length Weight Pipe 1080 ft. I.D. Weight Pipe 2.7 in. Length Drill Collars _____ ft.
I. D. Drill Collars _____ in. Length D.S.T. Tool 49 ft.
Remarks Flushed tool during final flow pressure

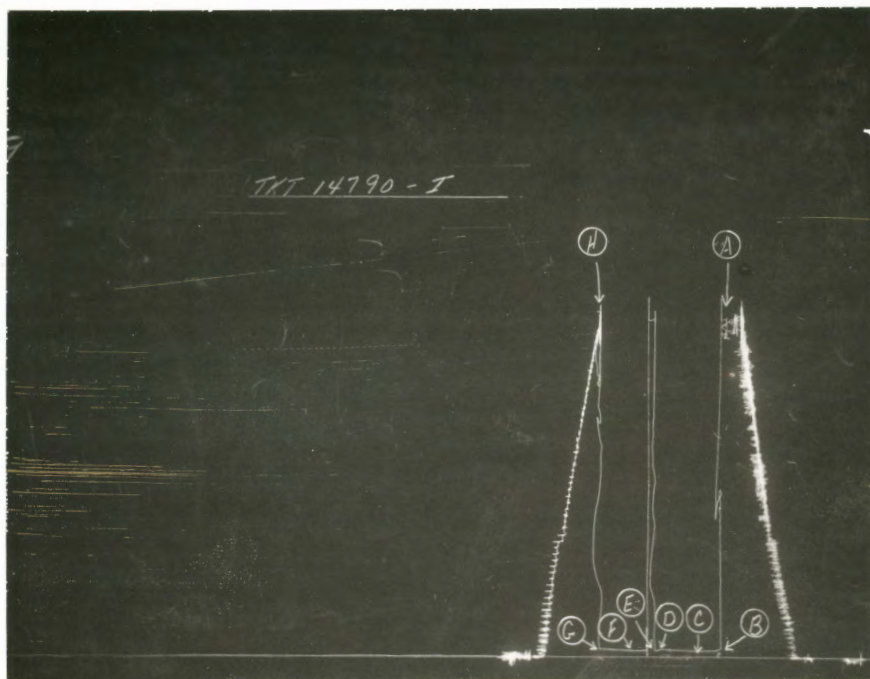
WESTERN TESTING CO., INC.
Pressure Data

Date 11-1-70 Test Ticket No. 14790
Recorder No. 969 Capacity 4150 Location 3355 Ft.
Clock No. 8376 Elevation 2049 Kelly Bushings Well Temperature 103 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1863</u> P.S.I.	Open Tool	<u>7:00 A.</u> M	
B First Initial Flow Pressure	<u>37</u> P.S.I.	First Flow Pressure	<u>15</u> Mins.	<u>15</u> Mins.
C First Final Flow Pressure	<u>37</u> P.S.I.	Initial Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
D Initial Closed-in Pressure	<u>40</u> P.S.I.	Second Flow Pressure	<u>15</u> Mins.	<u>15</u> Mins.
E Second Initial Flow Pressure	<u>34</u> P.S.I.	Final Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
F Second Final Flow Pressure	<u>34</u> P.S.I.			
G Final Closed-in Pressure	<u>43</u> P.S.I.			
H Final Hydrostatic Mud	<u>1811</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>3</u> Inc.		Breakdown: <u>10</u> Inc.		Breakdown: <u>3</u> Inc.		Breakdown: <u>10</u> Inc.	
of <u>5</u> mins. and a		of <u>3</u> mins. and a		of <u>5</u> mins. and a		of <u>3</u> mins. and a	
final inc. of _____ Min.		final inc. of _____ Min.		final inc. of _____ Min.		final inc. of _____ Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>37</u>	<u>0</u>	<u>37</u>	<u>0</u>	<u>34</u>	<u>0</u>	<u>34</u>
P 2 <u>5</u>	<u>37</u>	<u>3</u>	<u>47</u>	<u>5</u>	<u>34</u>	<u>3</u>	<u>34</u>
P 3 <u>10</u>	<u>37</u>	<u>6</u>	<u>37</u>	<u>10</u>	<u>34</u>	<u>6</u>	<u>34</u>
P 4 <u>15</u>	<u>37</u>	<u>9</u>	<u>37</u>	<u>15</u>	<u>34</u>	<u>9</u>	<u>35</u>
P 5 _____		<u>12</u>	<u>37</u>			<u>12</u>	<u>35</u>
P 6 _____		<u>15</u>	<u>37</u>			<u>15</u>	<u>36</u>
P 7 _____		<u>18</u>	<u>37</u>			<u>18</u>	<u>36</u>
P 8 _____		<u>21</u>	<u>37</u>			<u>21</u>	<u>37</u>
P 9 _____		<u>24</u>	<u>38</u>			<u>24</u>	<u>39</u>
P10 _____		<u>27</u>	<u>39</u>			<u>27</u>	<u>41</u>
P11 _____		<u>30</u>	<u>40</u>			<u>30</u>	<u>43</u>
P12 _____							
P13 _____							
P14 _____							
P15 _____							
P16 _____							
P17 _____							
P18 _____							
P19 _____							
P20 _____							



This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Office Reading
(A) Initial Hydrostatic Mud	1853	1863
(B) First Initial Flow Pressure	40	37
(C) First Final Flow Pressure	40	37
(D) Initial Closed-in Pressure	50	40
(E) Second Initial Flow Pressure	40	34
(F) Second Final Flow Pressure	40	34
(G) Final Closed-in Pressure	45	43
(H) Final Hydrostatic Mud	1843	1811

PSI

PSI

PSI

PSI

PSI

PSI

PSI

PSI



Home Office: Great Bend, Kansas
P. O. Box 793 (316) 793-7903

Company J. A. Allison Lease & Well No. Dechant #2
Elevation 2049 Kelly Bushings Formation Lansing Effective Pay _____ Ft. Ticket No. 14791
Date 11-2-70 Sec. 23 Twp. 16S Range 13W County Rush State Kansas
Test Approved by Geo. Waite Western Representative Jerry Allen
Formation Test No. 5 O.K. ☒ Misrun _____ Interval Tested From 3376' to 3470' Total Depth 3470'
Size Main Hole 7 7/8" Rat Hole _____ Conv. _____ B.T. ☒ Damaged Yes ☒ No Conv. _____ B.T. ☒ Damaged Yes ☒ No
Packer Depth 3371 Ft. Size 6 3/4" Packer Depth 3376 Ft. Size 6 3/4"
Straddle _____ Yes _____ No ☒ Conv. _____ B.T. _____ Damaged _____ Yes _____ No
Tool Size 5 1/2" O.D. Tool Jt. Size 4 1/2" F.H. Anchor Length 94 Ft. Size 5 1/2" O.D. Perf. 61' W.P.
RECORDERS Depth 3460 Ft. Clock No. 8376 Depth 3463 Ft. Clock No. 9102
Top Make Kuster Cap. 4150 No. 969 Inside Outside Bottom Make Kuster Cap. 4150 No. 2607 Inside Outside
Below Straddle: Depth _____ Clock No. _____ Inside _____ Outside _____
Top Make _____ Cap. _____ No. _____ Inside _____ Outside _____
Time Set Packer 1:51 A. M.
Tool Open I.F.P. From 1:55 M. to 2:15A. M. Hr. 15 Min. From (B) 73 P.S.I. To (C) 73 P.S.I.
Tool Closed I.C.I.P. From 2:15 M. to 2:40A. M. Hr. 30 Min. (D) 1183 P.S.I.
Tool Open F.F.P. From 2:40 M. to 2:55A. M. Hr. 15 Min. From (E) 81 P.S.I. To (F) 81 P.S.I.
Tool Closed F.C.I.P. From 2:55 M. to 3:25A. M. Hr. 30 Min. (G) 983 P.S.I.
Initial Hydrostatic Pressure (A) 1940 P.S.I. Final Hydrostatic Pressure (H) 1926 P.S.I.
SURFACE Size Choke 3/4 In. Max. Press. P.S.I. _____ Time _____ Description of Flow _____
INFORMATION _____ M. _____
_____ M. _____
_____ M. _____
BLOW Weak to dead in 15 min. Bottom Choke Size 3/4 In.
Did Well Flow _____ Yes ☒ No _____ Recovery Total Ft. 20 feet mud
Reversed Out _____ Yes ☒ No _____ Mud Type Starch Viscosity 39 Weight 10.2 Water Loss 8.0 cc. Maximum Temp. 103 °F
Type Circ. Sub. Pin Did Tool Plug? No Jars: Size _____ Make _____ Ser. No. _____
EXTRA EQUIPMENT: Dual Packers Yes Safety Joint No Did Packer Hold? Yes Where? _____
Length Drill Pipe 2336 ft. I.D. Drill Pipe 3.8 in. Length Weight Pipe 1020 ft. I.D. Weight Pipe 2.7 in. Length Drill Collars _____ ft.
I. D. Drill Collars _____ in. Length D.S.T. Tool 114 ft.
Remarks _____

WESTERN TESTING CO., INC.

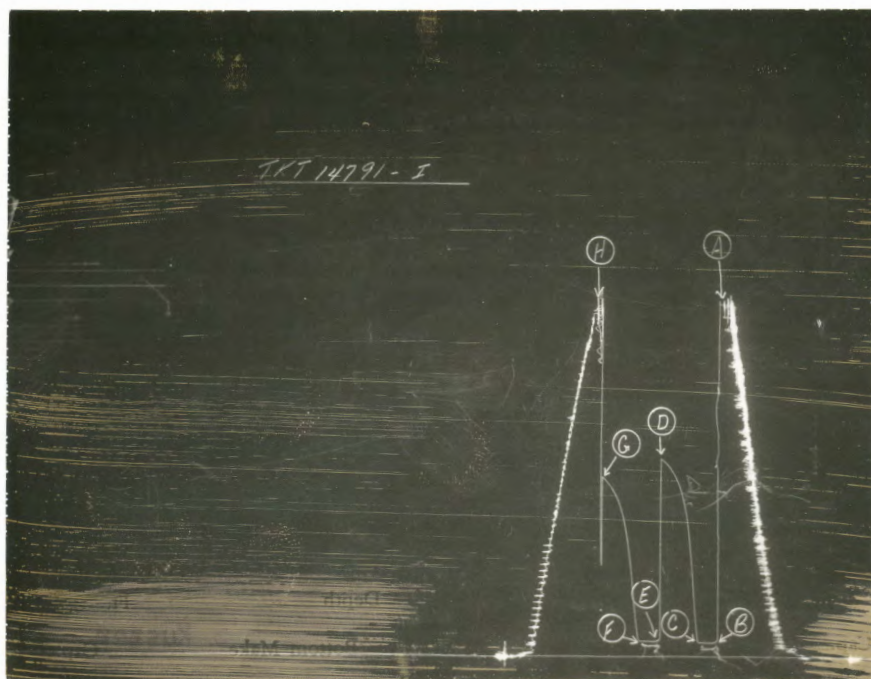
Pressure Data

Date 11-2-70 Test Ticket No. 14791
 Recorder No. 969 Capacity 4150 Location 3460 Ft.
 Clock No. 8376 Elevation 2049 Kelly Bushings Well Temperature 103 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1940</u> P.S.I.	Open Tool	<u>1:51</u> A. M.	
B First Initial Flow Pressure	<u>73</u> P.S.I.	First Flow Pressure	<u>15</u> Mins.	<u>15</u> Mins.
C First Final Flow Pressure	<u>73</u> P.S.I.	Initial Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
D Initial Closed-in Pressure	<u>1183</u> P.S.I.	Second Flow Pressure	<u>15</u> Mins.	<u>15</u> Mins.
E Second Initial Flow Pressure	<u>81</u> P.S.I.	Final Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
F Second Final Flow Pressure	<u>81</u> P.S.I.			
G Final Closed-in Pressure	<u>983</u> P.S.I.			
H Final Hydrostatic Mud	<u>1926</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>3</u> Inc.		Breakdown: <u>10</u> Inc.		Breakdown: <u>3</u> Inc.		Breakdown: <u>10</u> Inc.	
of <u>5</u> mins. and a		of <u>3</u> mins. and a		of <u>5</u> mins. and a		of <u>3</u> mins. and a	
final inc. of _____ Min.		final inc. of _____ Min.		final inc. of _____ Min.		final inc. of _____ Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>73</u>	<u>0</u>	<u>73</u>	<u>0</u>	<u>81</u>	<u>0</u>	<u>81</u>
P 2 <u>5</u>	<u>73</u>	<u>3</u>	<u>179</u>	<u>5</u>	<u>81</u>	<u>3</u>	<u>97</u>
P 3 <u>10</u>	<u>73</u>	<u>6</u>	<u>437</u>	<u>10</u>	<u>81</u>	<u>6</u>	<u>245</u>
P 4 <u>15</u>	<u>73</u>	<u>9</u>	<u>712</u>	<u>15</u>	<u>81</u>	<u>9</u>	<u>618</u>
P 5 _____		<u>12</u>	<u>844</u>			<u>12</u>	<u>665</u>
P 6 _____		<u>15</u>	<u>916</u>			<u>15</u>	<u>766</u>
P 7 _____		<u>18</u>	<u>973</u>			<u>18</u>	<u>838</u>
P 8 _____		<u>21</u>	<u>1012</u>			<u>21</u>	<u>883</u>
P 9 _____		<u>24</u>	<u>1043</u>			<u>24</u>	<u>922</u>
P10 _____		<u>27</u>	<u>1163</u>			<u>27</u>	<u>955</u>
P11 _____		<u>30</u>	<u>1183</u>			<u>30</u>	<u>983</u>
P12 _____							
P13 _____							
P14 _____							
P15 _____							
P16 _____							
P17 _____							
P18 _____							
P19 _____							
P20 _____							



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	1937	1940	PSI
(B) First Initial Flow Pressure	70	73	PSI
(C) First Final Flow Pressure	70	73	PSI
(D) Initial Closed-in Pressure	1076	1183	PSI
(E) Second Initial Flow Pressure	80	81	PSI
(F) Second Final Flow Pressure	80	81	PSI
(G) Final Closed-in Pressure	983	983	PSI
(H) Final Hydrostatic Mud	1927	1926	PSI



Home Office: Great Bend, Kansas
P. O. Box 793 (316) 793-7903

Company J. A. Allison Lease & Well No. Dechant #2
Elevation 2049 Kelly Bushings Formation Lansing Effective Pay _____ Ft. Ticket No. 14792
Date 11-3-70 Sec. 23 Twp. 16S Range 18W County Rush State Kansas
Test Approved by Geo. Waite Western Representative Jerry L. Allen
Formation Test No. 6 O.K. ☒ Misrun _____ Interval Tested From 3485' to 3595' Total Depth 3595'
Size Main Hole 7 7/8" Rat Hole _____ Conv. _____ B.T. ☒ Damaged _____ Yes ☒ No Conv. _____ B.T. ☒ Damaged _____ Yes ☒ No
Packer Depth 3480 Ft. Size 6 3/4" Packer Depth 3485 Ft. Size 6 3/4"
Straddle _____ Yes _____ No ☒ Conv. _____ B.T. _____ Damaged _____ Yes _____ No
Packer Depth _____ Ft. Size _____
Tool Size 5 1/2" O.D. Tool Jt. Size 4 1/2" F.H. Anchor Length 110 Ft. Size 5 1/2" O.D. 90'W.P. 20'Perf.
RECORDERS Depth 3502 Ft. Clock No. 8476 Depth 3505 Ft. Clock No. 8376
Top Make Kuster Cap. 4150 No. 969 Inside _____ Outside _____ Bottom Make Kuster Cap. 4150 No. 2607 Inside _____ Outside _____
Below Straddle: Depth _____ Clock No. _____ Inside _____ Outside _____
Top Make _____ Cap. _____ No. _____ Inside _____ Outside _____
Bottom Make _____ Cap. _____ No. _____ Inside _____ Outside _____
Time Set Packer 1:30 A.M.
Tool Open I.F.P. From 1:35 M. to 2:05A. M. Hr. 30 Min. From (B) 33 P.S.I. To (C) 33 P.S.I.
Tool Closed I.C.I.P. From 2:05 M. to 2:35A. M. Hr. 30 Min. (D) 61 P.S.I.
Tool Open F.F.P. From 2:35 M. to 3:05A. M. Hr. 30 Min. From (E) 43 P.S.I. To (F) 43 P.S.I.
Tool Closed F.C.I.P. From 3:05 M. to 3:35A. M. Hr. 30 Min. (G) 60 P.S.I.
Initial Hydrostatic Pressure (A) 1991 P.S.I. Final Hydrostatic Pressure (H) 1989 P.S.I.
SURFACE Size Choke 3/4 In. Max. Press. P.S.I. _____ Time _____ Description of Flow _____
INFORMATION _____ M. _____
_____ M. _____
_____ M. _____
BLOW Weak to very weak thru flow period Bottom Choke Size 3/4 In.
Did Well Flow _____ Yes ☒ No _____ Recovery Total Ft. 40 feet of mud
Reversed Out _____ Yes ☒ No _____ Mud Type Starch Viscosity 51 Weight 10.3 Water Loss 9.0 cc. Maximum Temp. 107 °F
Type Circ. Sub. Pin Did Tool Plug? No Jars: Size _____ Make _____ Ser. No. _____
EXTRA EQUIPMENT: Dual Packers Yes Safety Joint No Did Packer Hold? Yes Where? _____
Length Drill Pipe 2445 ft. I.D. Drill Pipe 3.8 in. Length Weight Pipe 1020 ft. I.D. Weight Pipe 2.7 in. Length Drill Collars _____ ft.
I. D. Drill Collars _____ in. Length D.S.T. Tool 130 ft.
Remarks _____

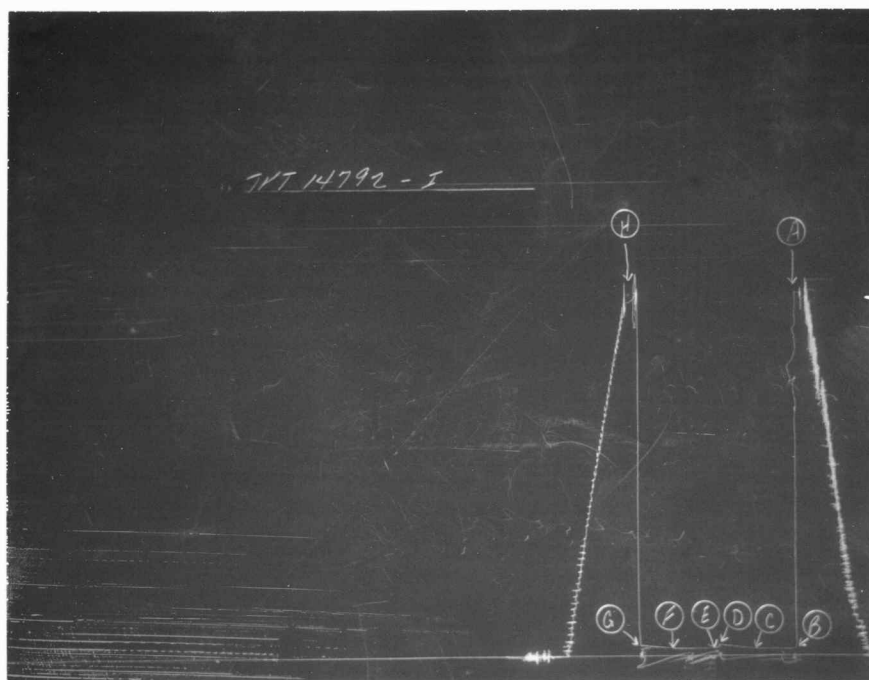
WESTERN TESTING CO., INC. Pressure Data

Date 11-3-70 Test Ticket No. 14792
Recorder No. 969 Capacity 4150 Location 3502 Ft.
Clock No. 8476 Elevation 2049 Kelly Bushings Well Temperature 107 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1991</u> P.S.I.	Open Tool	<u>1:30 A.</u> M	
B First Initial Flow Pressure	<u>33</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>33</u> P.S.I.	Initial Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
D Initial Closed-in Pressure	<u>61</u> P.S.I.	Second Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
E Second Initial Flow Pressure	<u>43</u> P.S.I.	Final Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
F Second Final Flow Pressure	<u>43</u> P.S.I.			
G Final Closed-in Pressure	<u>60</u> P.S.I.			
H Final Hydrostatic Mud	<u>1989</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: <u>10</u> Inc.		Breakdown: <u>6</u> Inc.		Breakdown: <u>10</u> Inc.	
of <u>5</u> mins. and a		of <u>3</u> mins. and a		of <u>5</u> mins. and a		of <u>3</u> mins. and a	
final inc. of _____ Min.		final inc. of _____ Min.		final inc. of _____ Min.		final inc. of _____ Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>33</u>	<u>0</u>	<u>33</u>	<u>0</u>	<u>43</u>	<u>0</u>	<u>43</u>
P 2 <u>5</u>	<u>33</u>	<u>3</u>	<u>37</u>	<u>5</u>	<u>43</u>	<u>3</u>	<u>43</u>
P 3 <u>10</u>	<u>33</u>	<u>6</u>	<u>38</u>	<u>10</u>	<u>43</u>	<u>6</u>	<u>43</u>
P 4 <u>15</u>	<u>33</u>	<u>9</u>	<u>40</u>	<u>15</u>	<u>43</u>	<u>9</u>	<u>43</u>
P 5 <u>20</u>	<u>33</u>	<u>12</u>	<u>43</u>	<u>20</u>	<u>43</u>	<u>12</u>	<u>46</u>
P 6 <u>25</u>	<u>33</u>	<u>15</u>	<u>45</u>	<u>25</u>	<u>43</u>	<u>15</u>	<u>49</u>
P 7 <u>30</u>	<u>33</u>	<u>18</u>	<u>49</u>	<u>30</u>	<u>43</u>	<u>18</u>	<u>50</u>
P 8 _____	_____	<u>21</u>	<u>51</u>	_____	_____	<u>21</u>	<u>52</u>
P 9 _____	_____	<u>24</u>	<u>54</u>	_____	_____	<u>24</u>	<u>54</u>
P10 _____	_____	<u>27</u>	<u>57</u>	_____	_____	<u>27</u>	<u>56</u>
P11 _____	_____	<u>30</u>	<u>61</u>	_____	_____	<u>30</u>	<u>60</u>
P12 _____	_____	_____	_____	_____	_____	_____	_____
P13 _____	_____	_____	_____	_____	_____	_____	_____
P14 _____	_____	_____	_____	_____	_____	_____	_____
P15 _____	_____	_____	_____	_____	_____	_____	_____
P16 _____	_____	_____	_____	_____	_____	_____	_____
P17 _____	_____	_____	_____	_____	_____	_____	_____
P18 _____	_____	_____	_____	_____	_____	_____	_____
P19 _____	_____	_____	_____	_____	_____	_____	_____
P20 _____	_____	_____	_____	_____	_____	_____	_____



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	2010	1991	PSI
(B) First Initial Flow Pressure	30	33	PSI
(C) First Final Flow Pressure	30	33	PSI
(D) Initial Closed-in Pressure	60	61	PSI
(E) Second Initial Flow Pressure	40	43	PSI
(F) Second Final Flow Pressure	40	43	PSI
(G) Final Closed-in Pressure	60	60	PSI
(H) Final Hydrostatic Mud	2000	1989	PSI